



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Tuesday, July 30, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)

# Summary of the Upcoming Week



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## Today

- **Heavy rainfall/flash flooding possible across E TX, LA, W NM, and S AR.**

## Wednesday - Saturday

- **Isolated heavy rain/flash flooding across NM through the rest of the week.**
- **Elevated fire weather conditions over the TX/OK Panhandles on Wednesday**

## Tropical Weather Outlook

- **There is a 10% chance of tropical cyclone formation over the next 5 days as area of disturbed weather approaches the Bahamas and Florida.**
- **Another area of disturbed weather in the far eastern Atlantic has a 20% development over the next 5 days.**
- **There are no threats to FEMA region 6.**

# FEMA Region 6 Threat Matrix

July 30, 2019 – Aug 3, 2019



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					
Heavy Rain / Flash Flooding	ETX, LA	NM	NM	NM	NM
	W NM, SAR				
Fire Weather		TX/OK Panhandles			
Tropical Weather					
River Flooding	LA	LA	LA	LA	LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

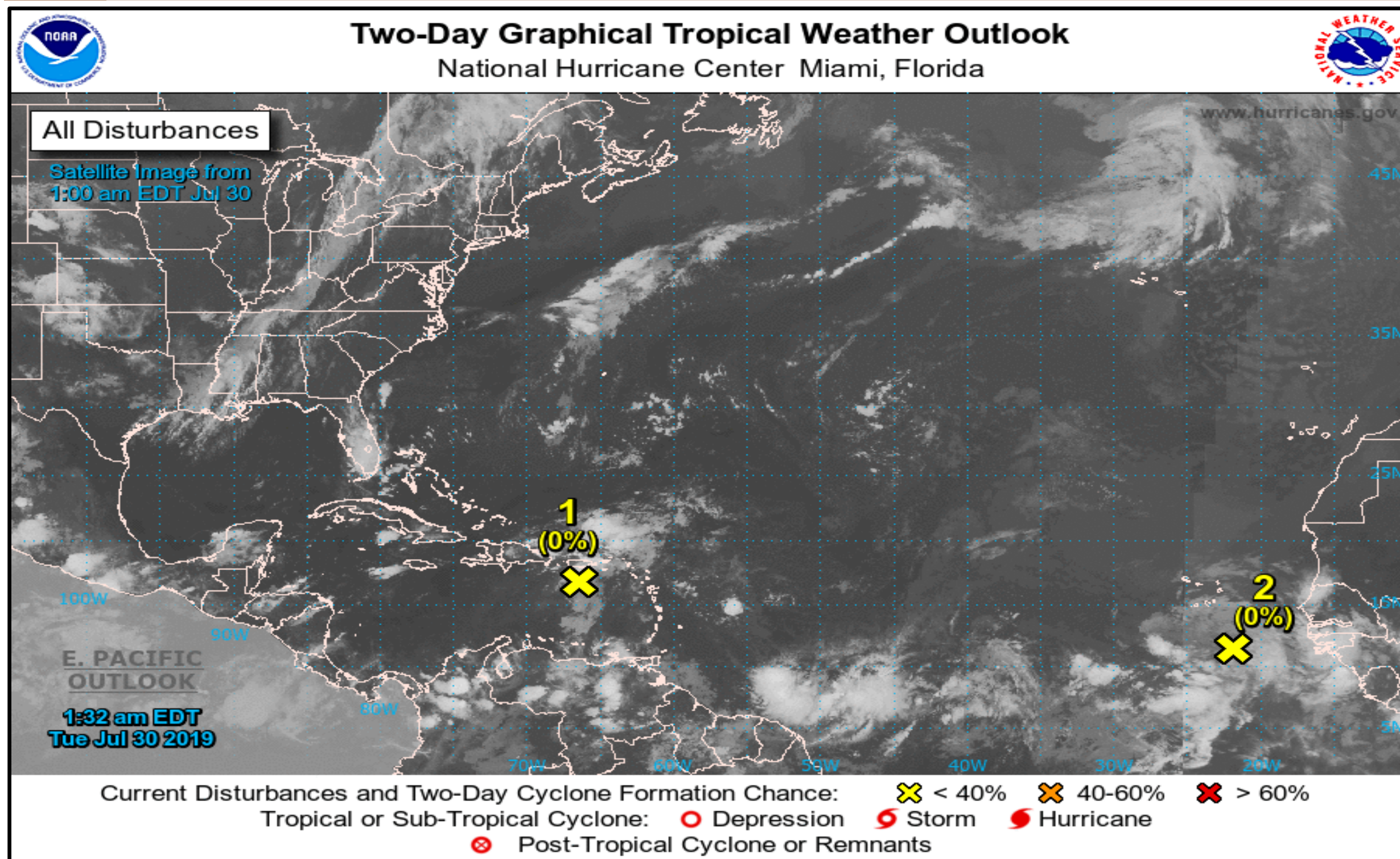
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



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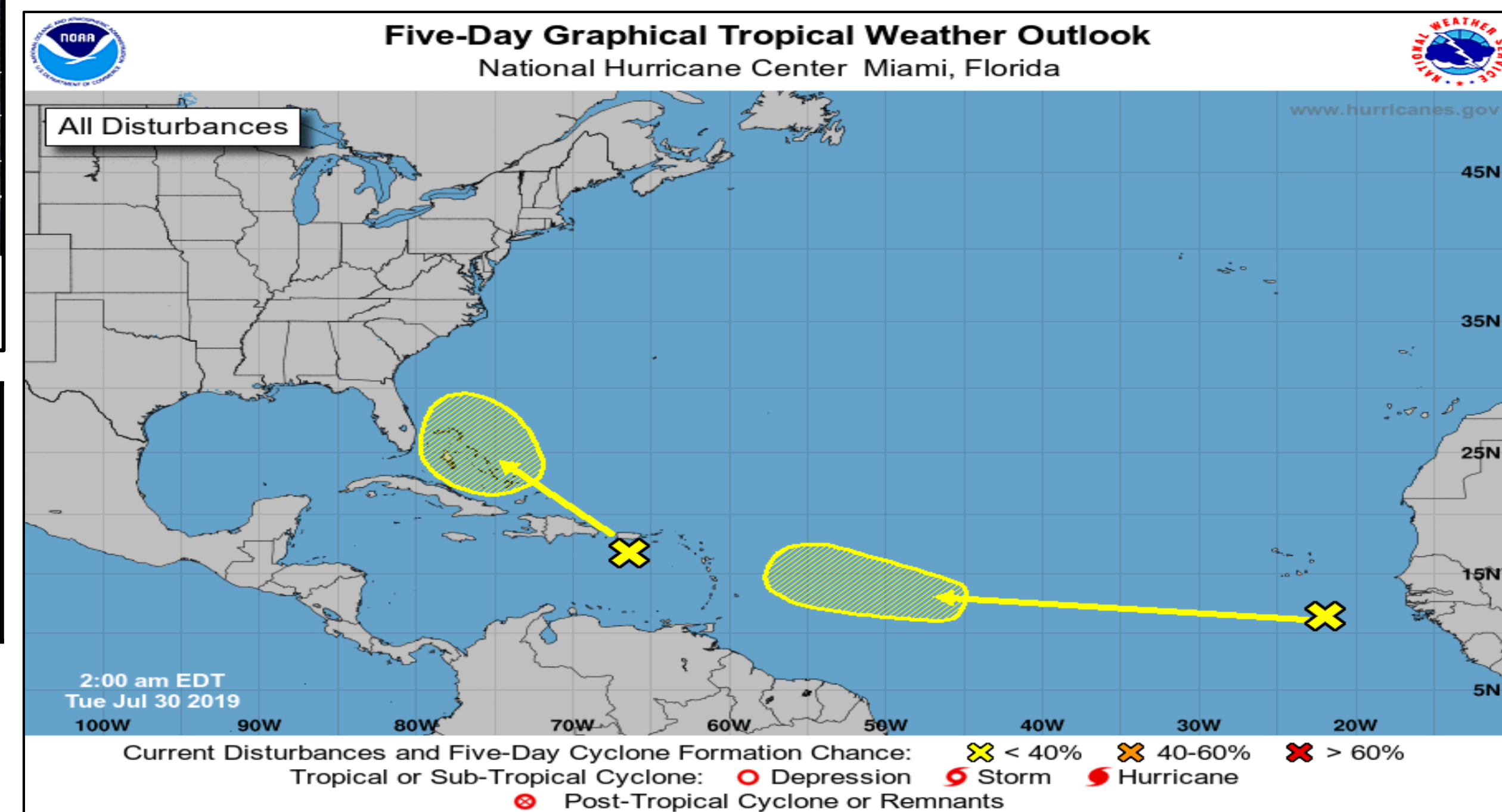


**FEMA Region 6 Threat Level**  
**No threats to Region 6.**

**Tropical Development Potential**

**There is a 10% chance of tropical cyclone formation over the next 5 days as area of disturbed weather approaches the Bahamas and Florida.**

**Another area of disturbed weather in the far eastern Atlantic has a 20% development over the next 5 days.**



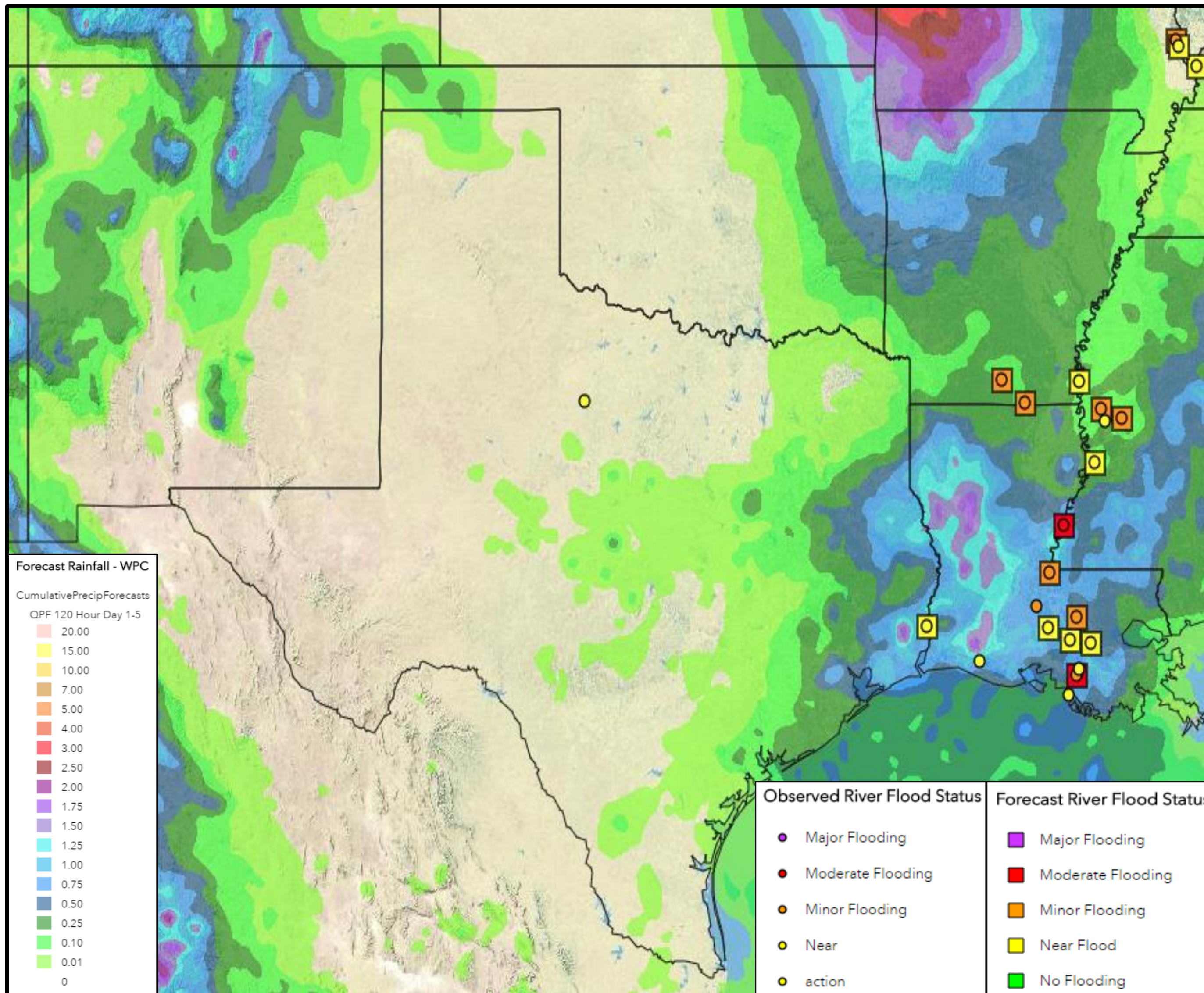


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



## Latest on the MS River Flooding:

- **Red River Landing, LA** has dropped into minor flood stage. Impacts primarily to recreational camps and farm land.
- **Baton Rouge, LA** has lowered to minor flood stage, and is forecast to steadily continue to fall and eventually drop below flood stage early next week. Impacts primarily to river traffic.

## Flood Impacts from Barry:

- **The Atchafalaya River at Morgan City, LA** will hover around 7 feet (moderate flood stage) through the week. Impacts primarily to river traffic and some buildings near the river.

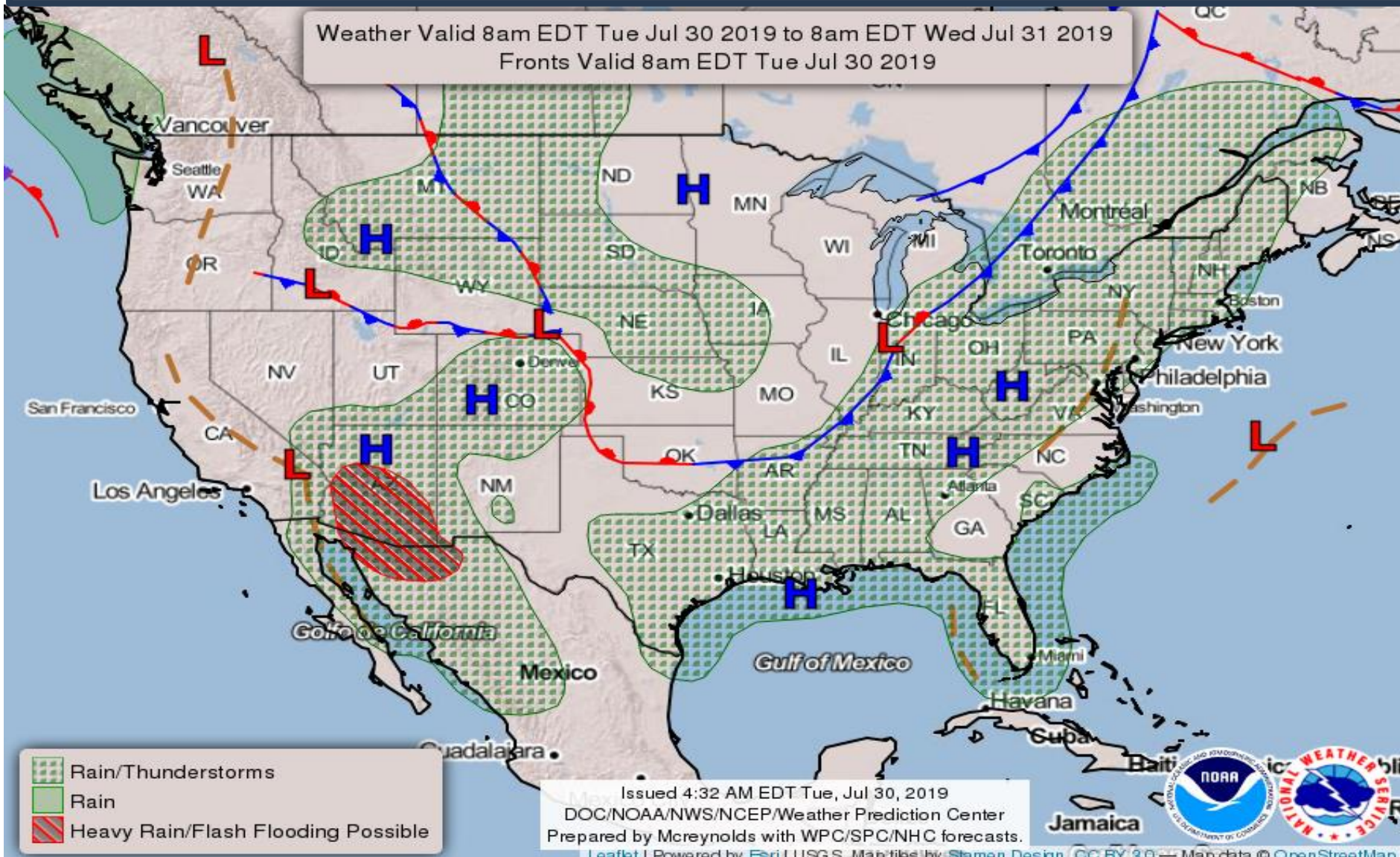


# Today's Weather

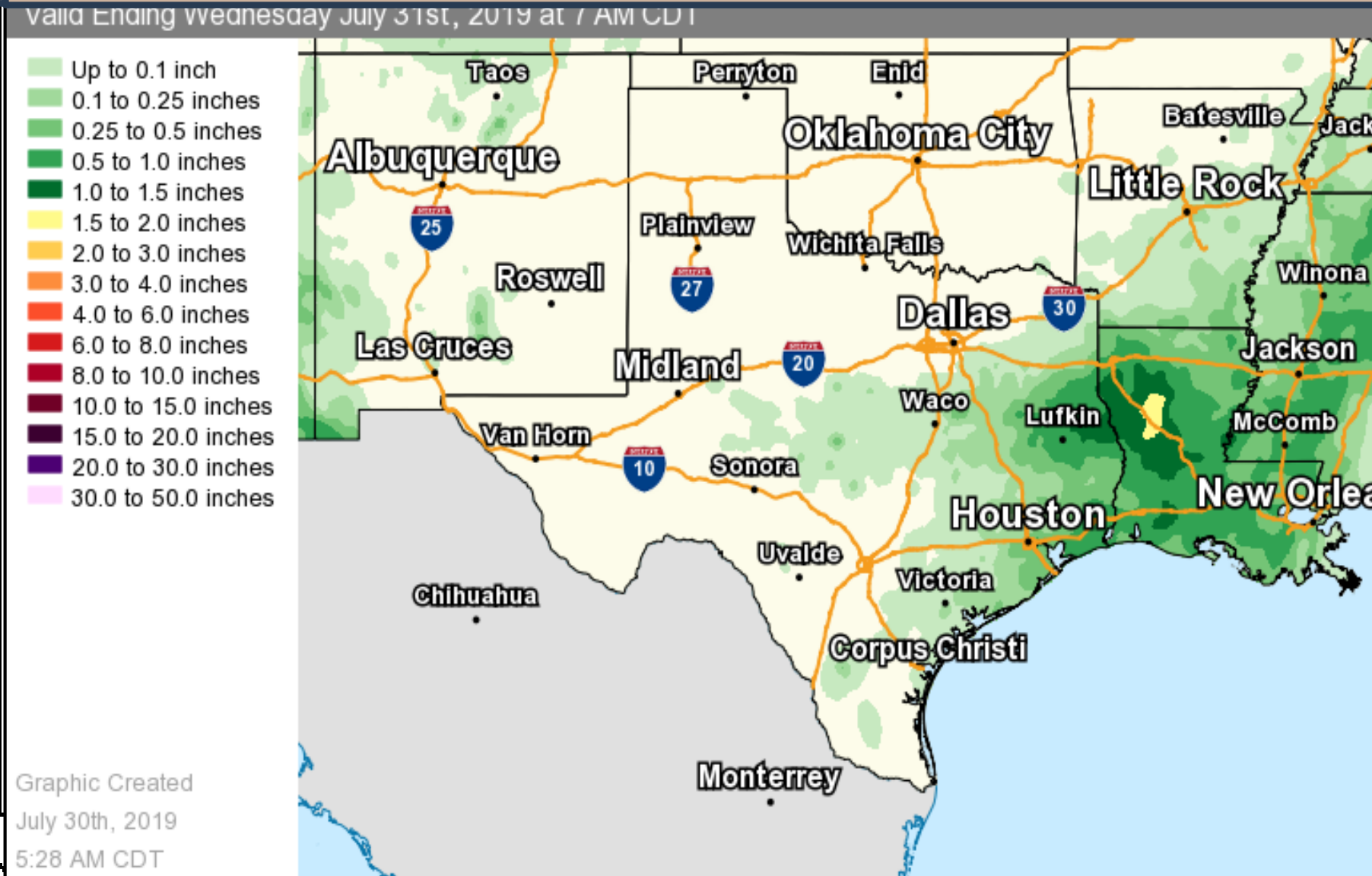


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## Forecast Chart



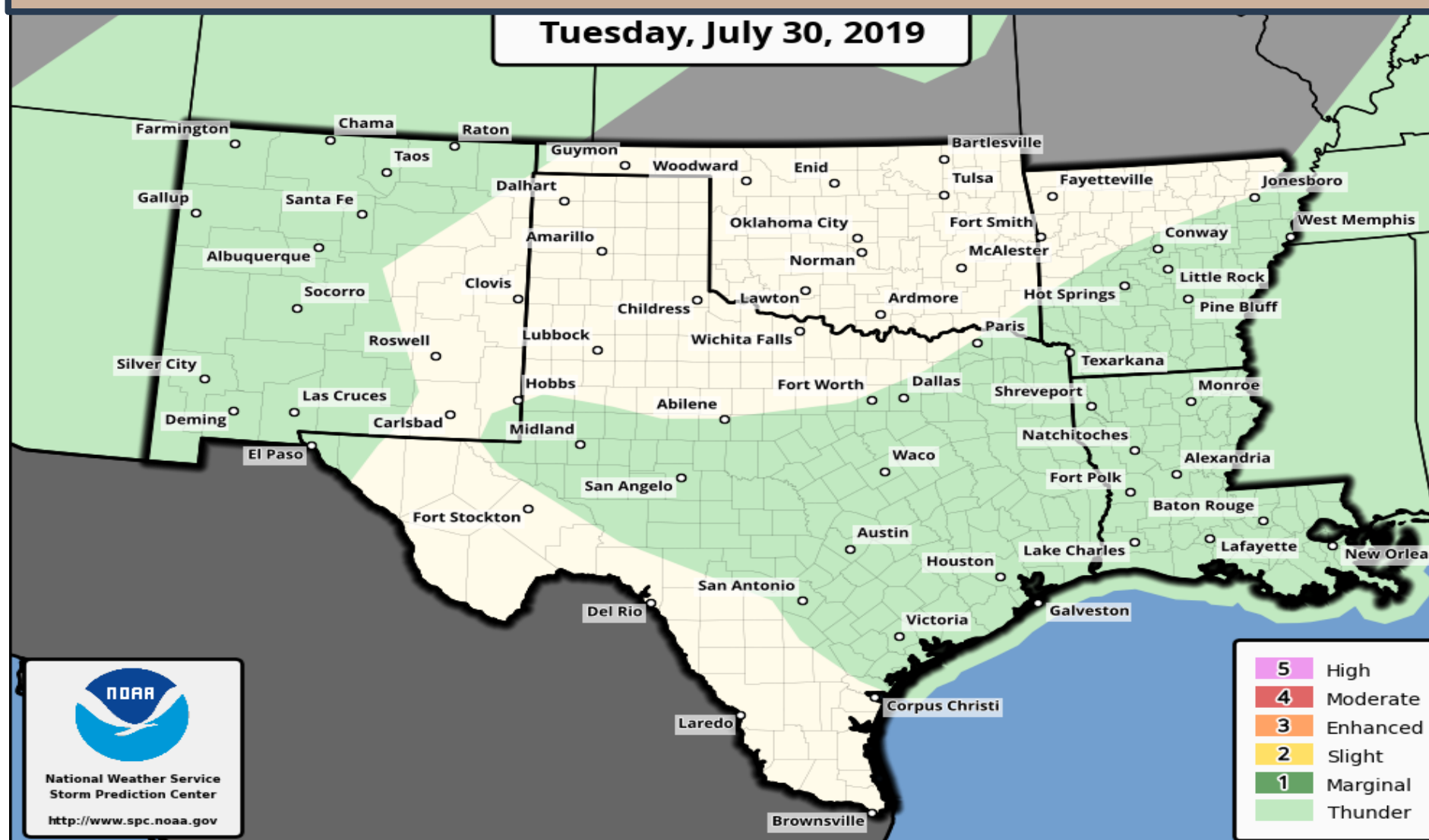
## Forecast Rainfall



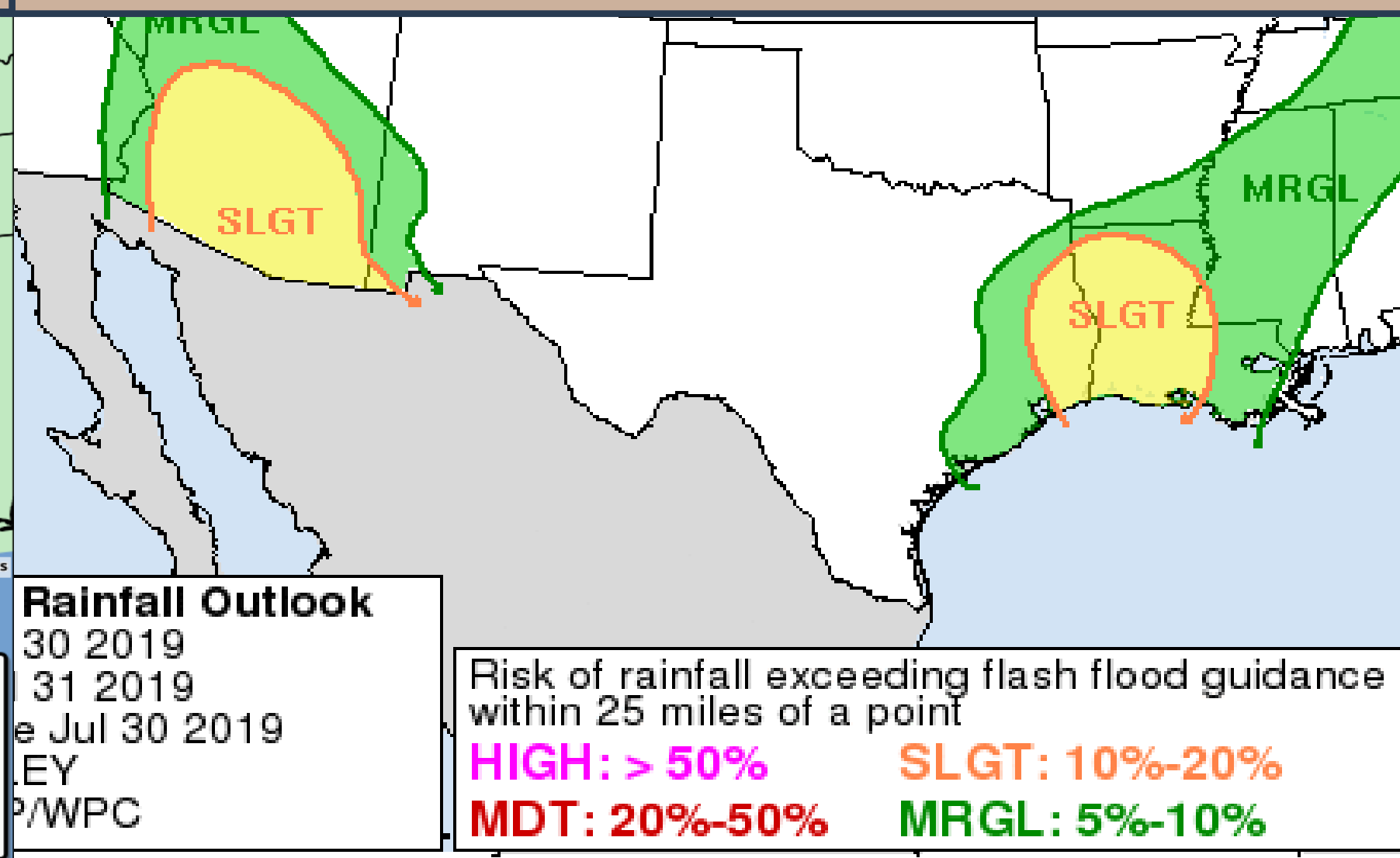
**Heavy rain/flash flooding possible over E TX and LA**

**Isolated heavy rain threat over W NM and S AR**

## Severe Weather Outlook



## Excessive Rainfall Outlook



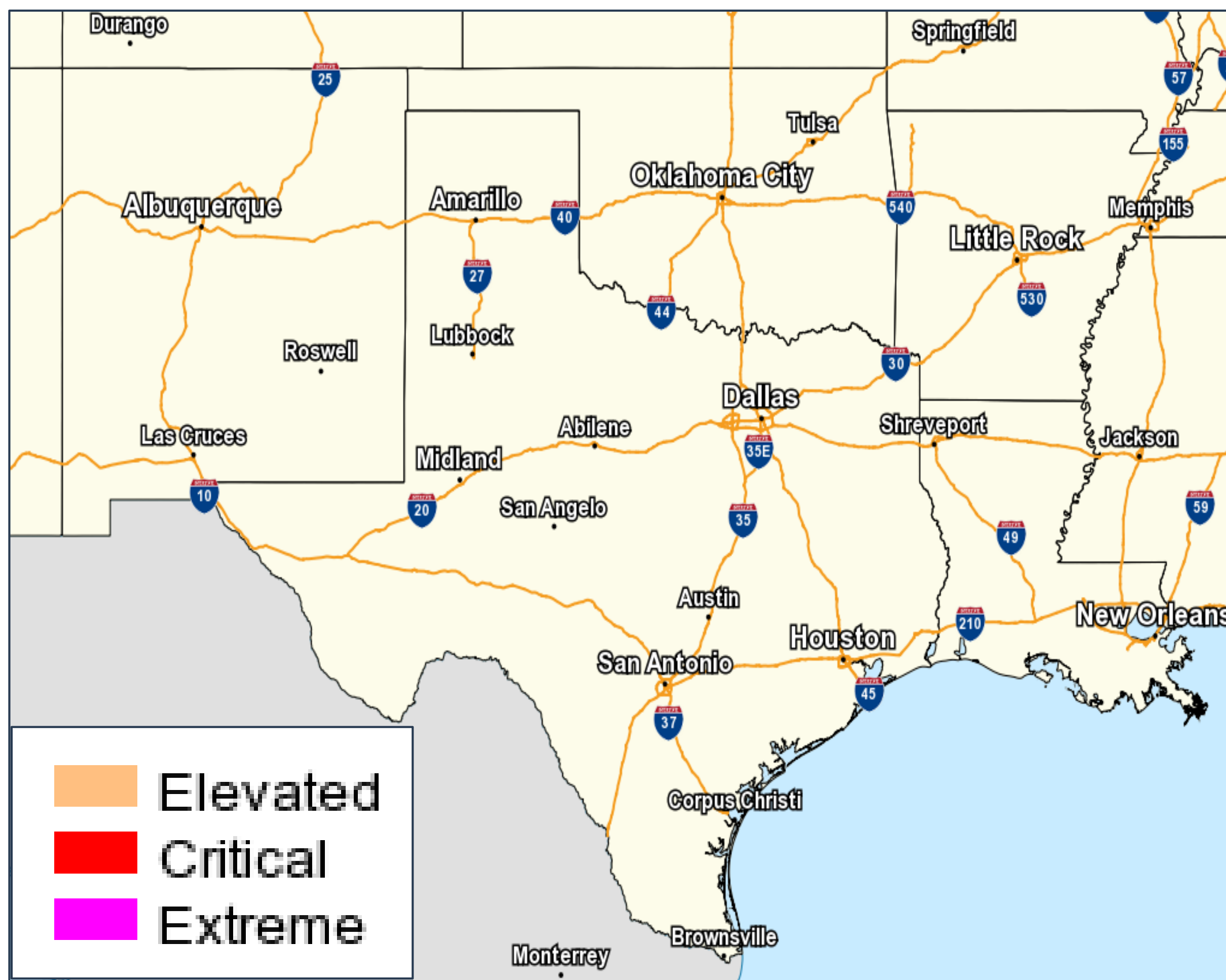


# Fire Weather Outlooks

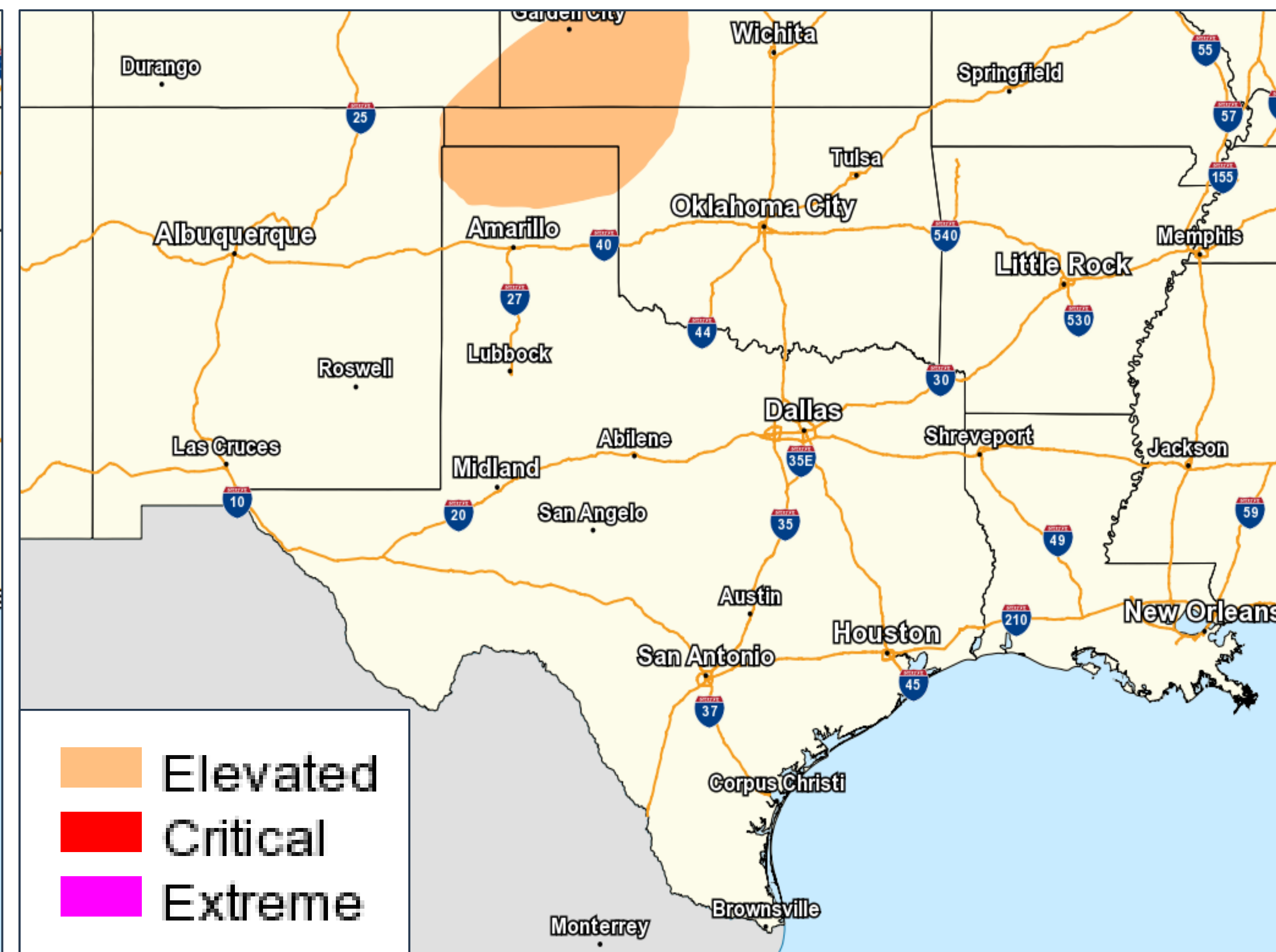


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## Today's Fire Weather Outlook



## Tomorrow's Fire Weather Outlook



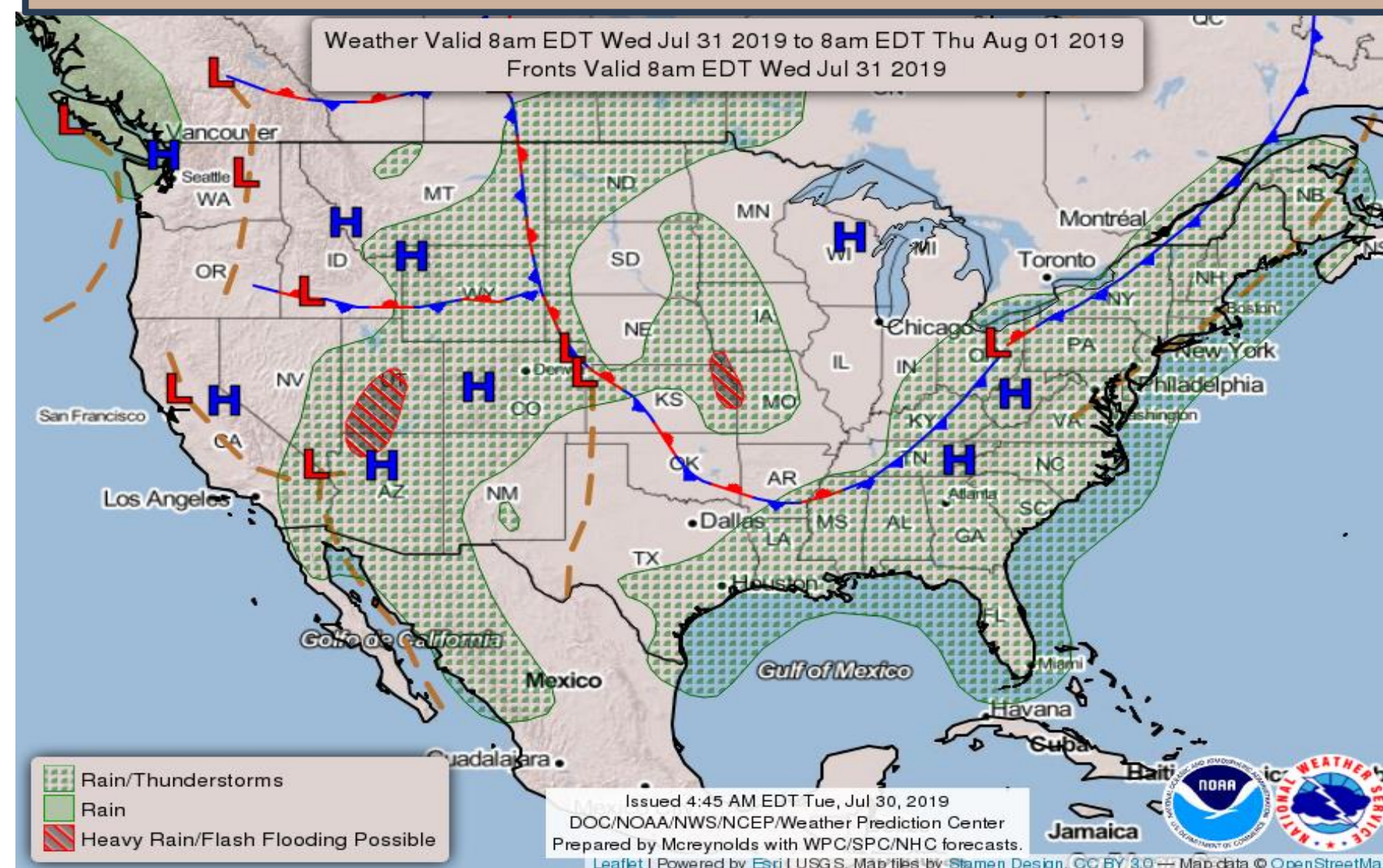


# Tomorrow's Weather

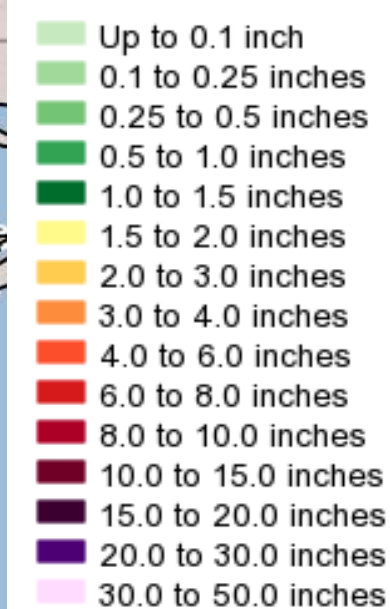


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## Forecast Chart

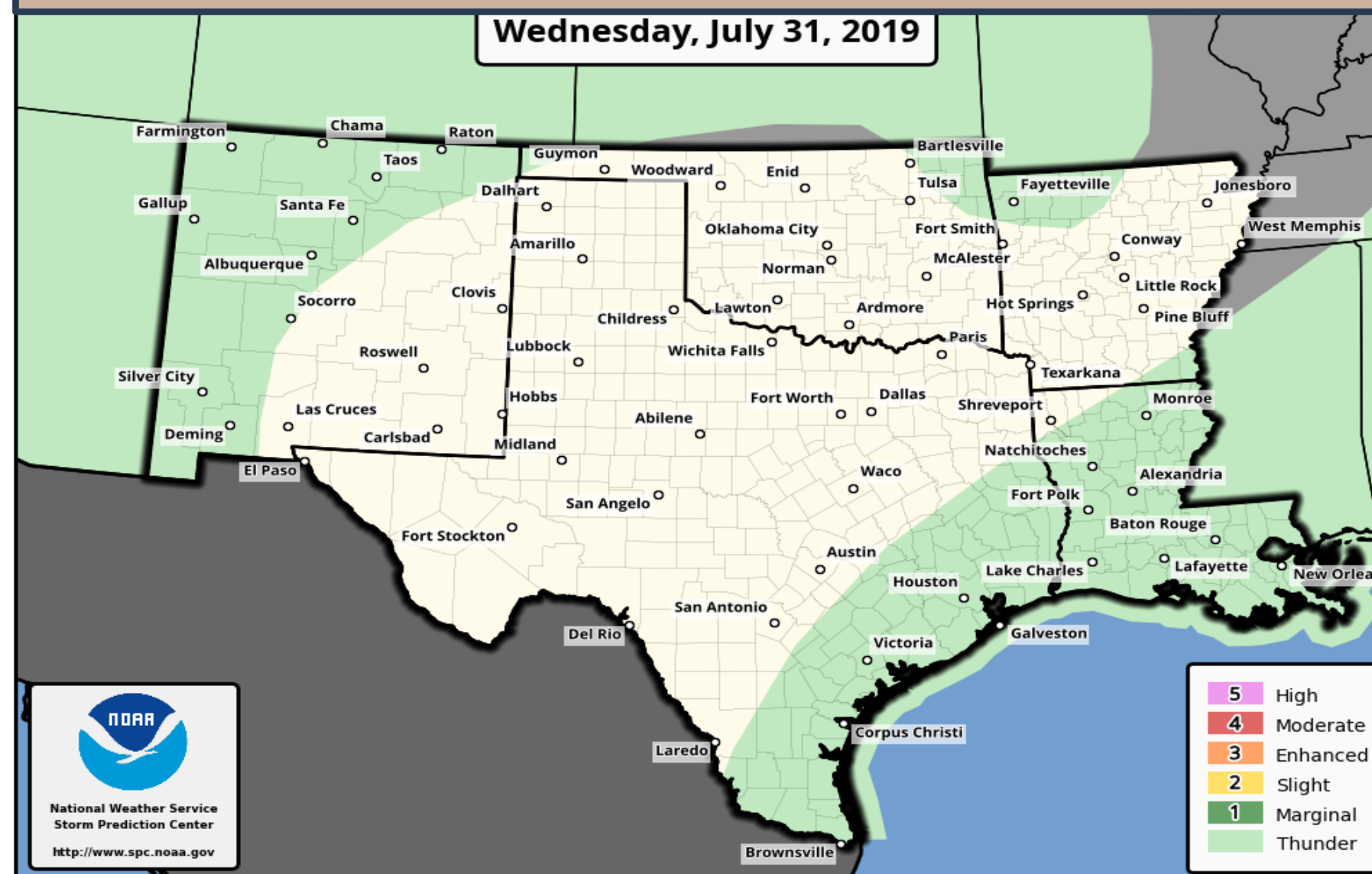


## Forecast Rainfall

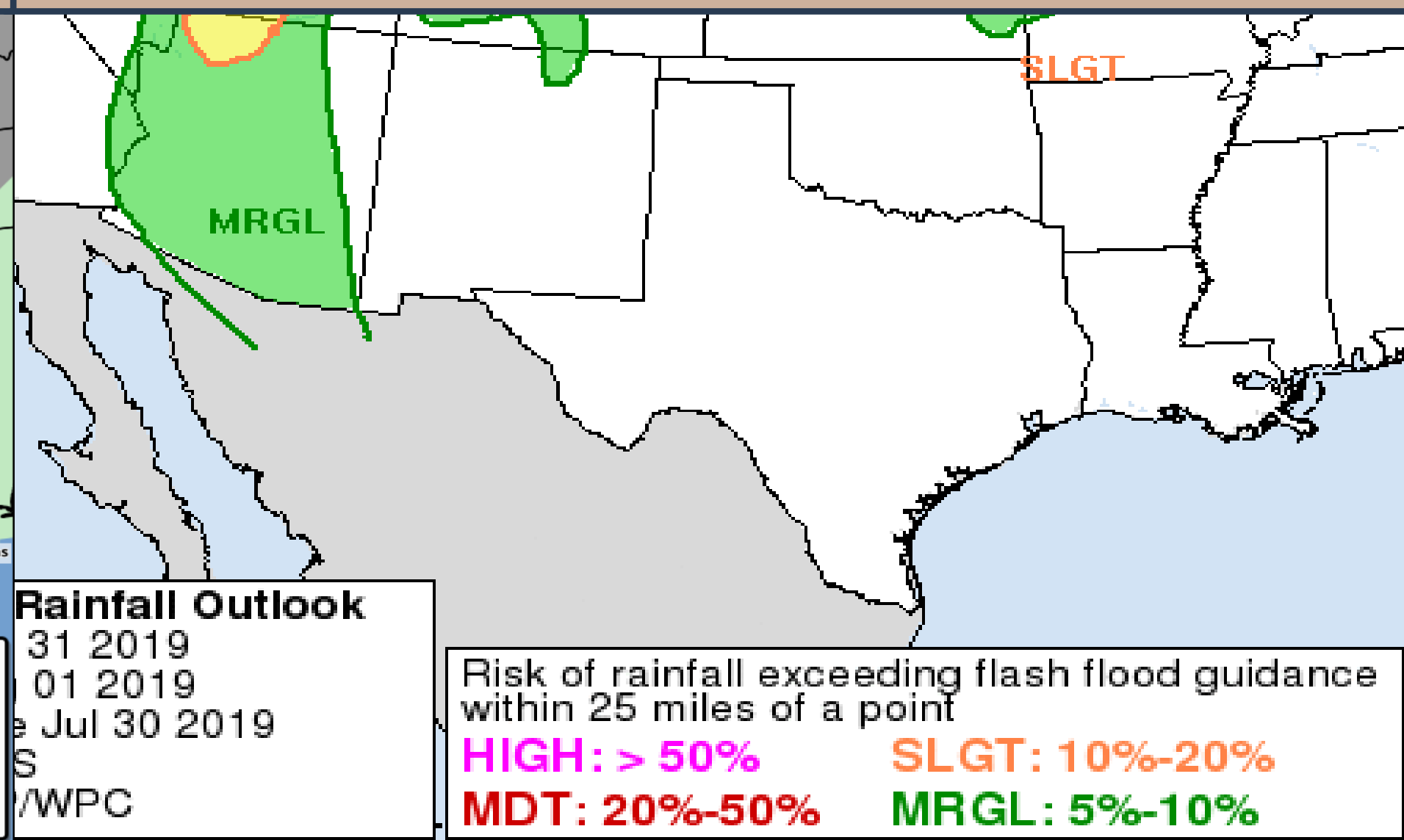


Isolated heavy rain/flash flooding possible across NM.

## Severe Weather Outlook



## Excessive Rainfall Outlook





# Thursday's Weather

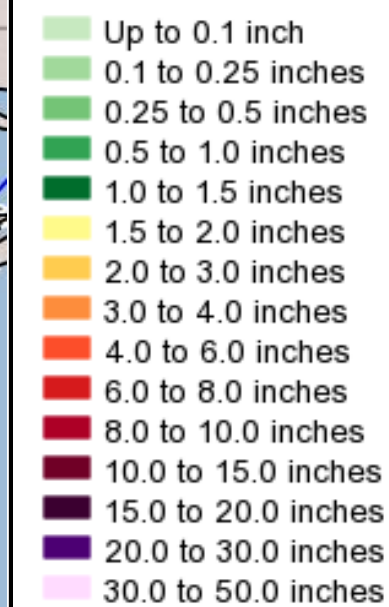
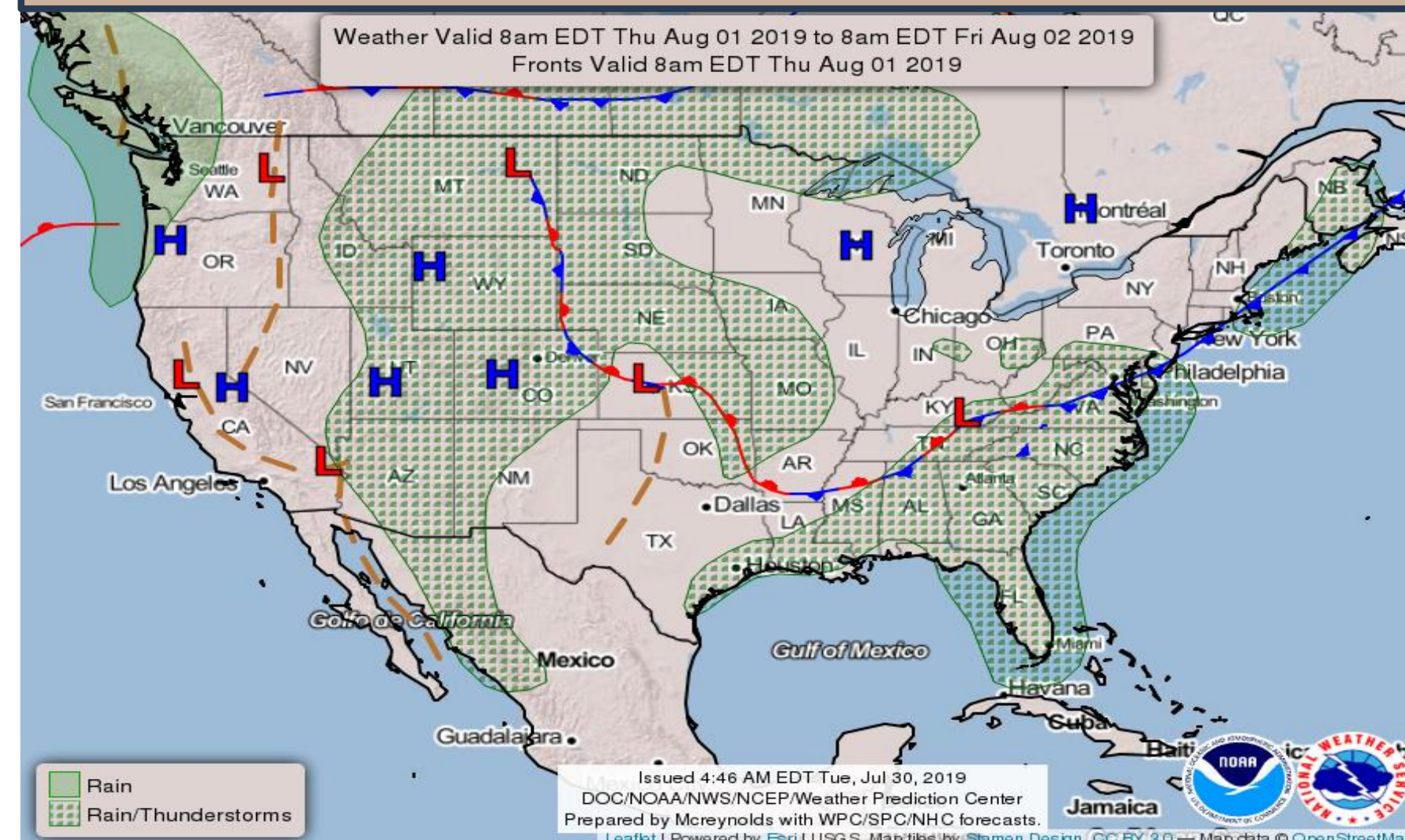


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## Forecast Chart

## Forecast Rainfall

Isolated heavy rain/flash  
flooding possible across  
NM.

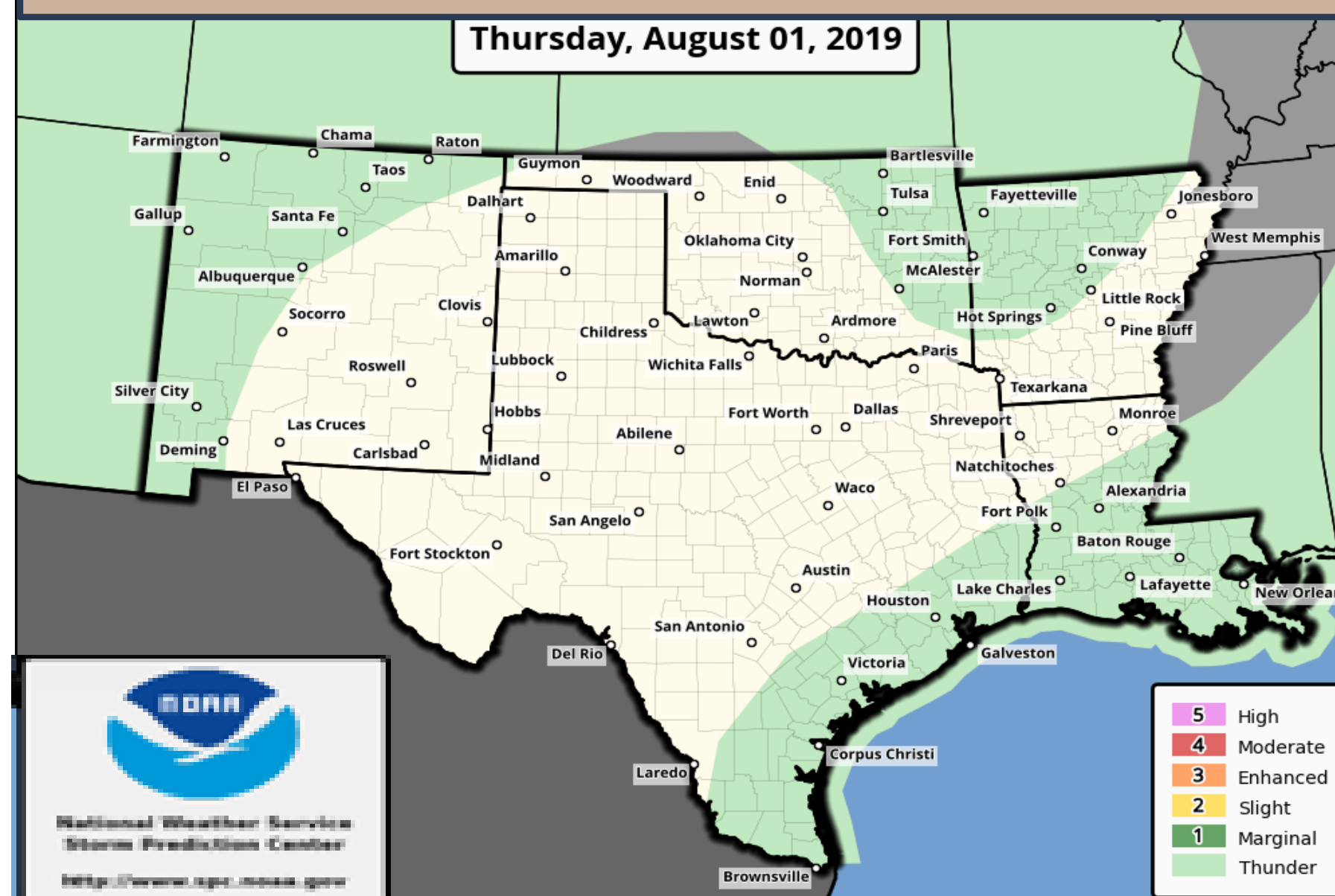


Graphic Created  
July 30th, 2019



## Severe Weather Outlook

## Excessive Rainfall Outlook



### Rainfall Outlook

g 01 2019  
02 2019  
e Jul 30 2019  
S  
P/WPC

Risk of rainfall exceeding flash flood guidance  
within 25 miles of a point

**HIGH: > 50%** **SLGT: 10%-20%**  
**MDT: 20%-50%** **MRGL: 5%-10%**

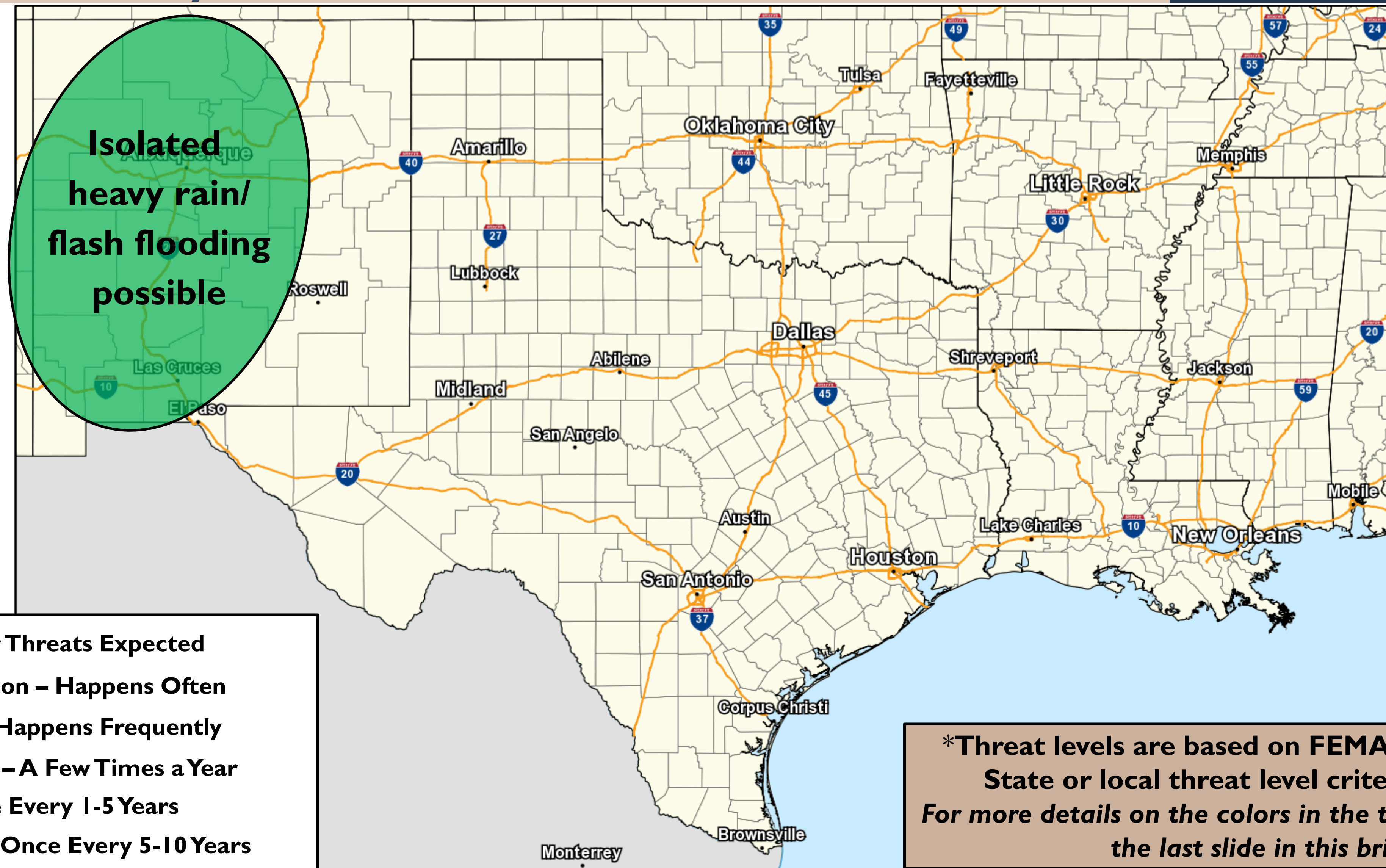


# Days 4-5 Weather Hazards

Friday – Saturday



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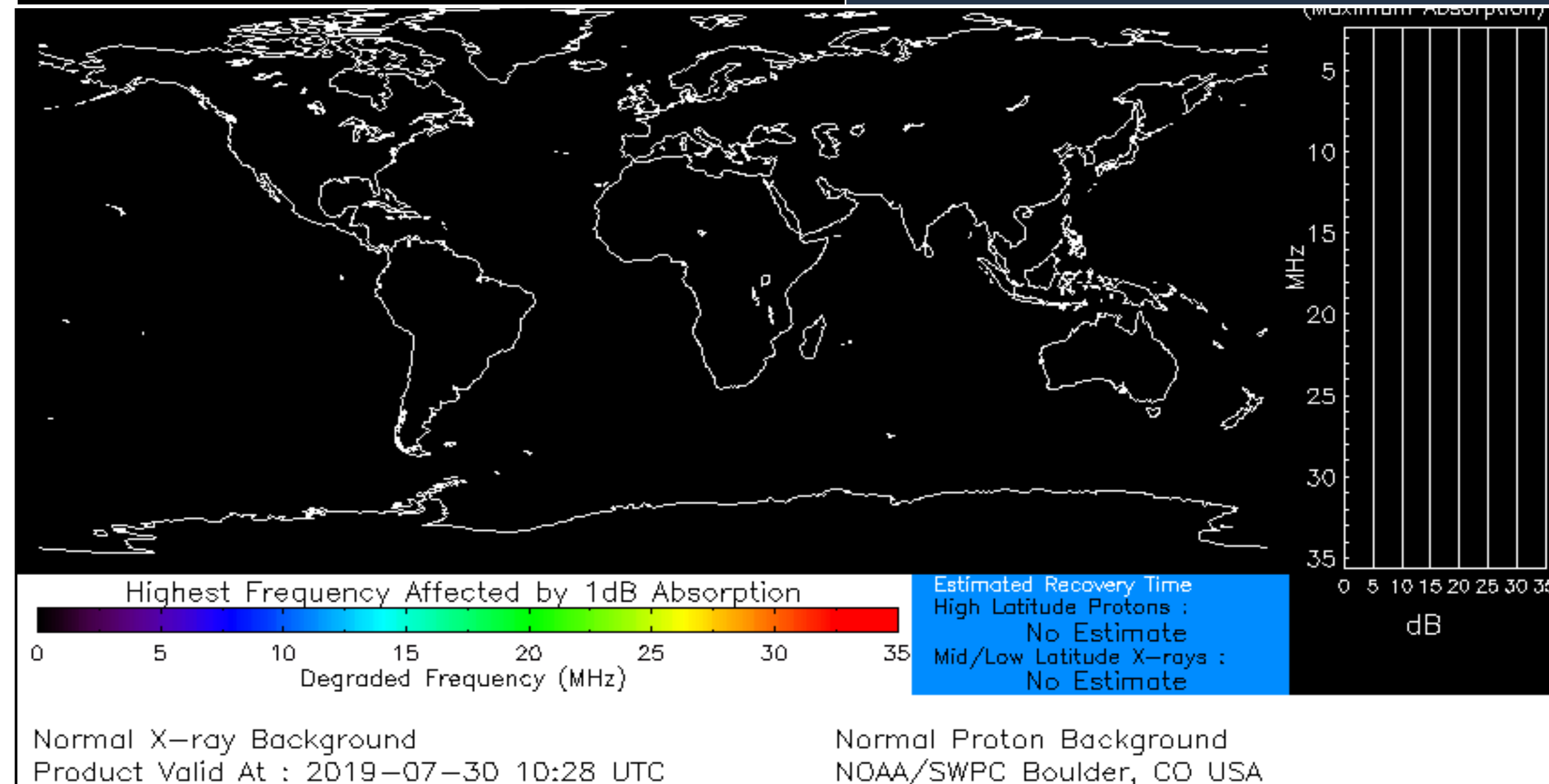


# Space Weather 3-Day Forecast



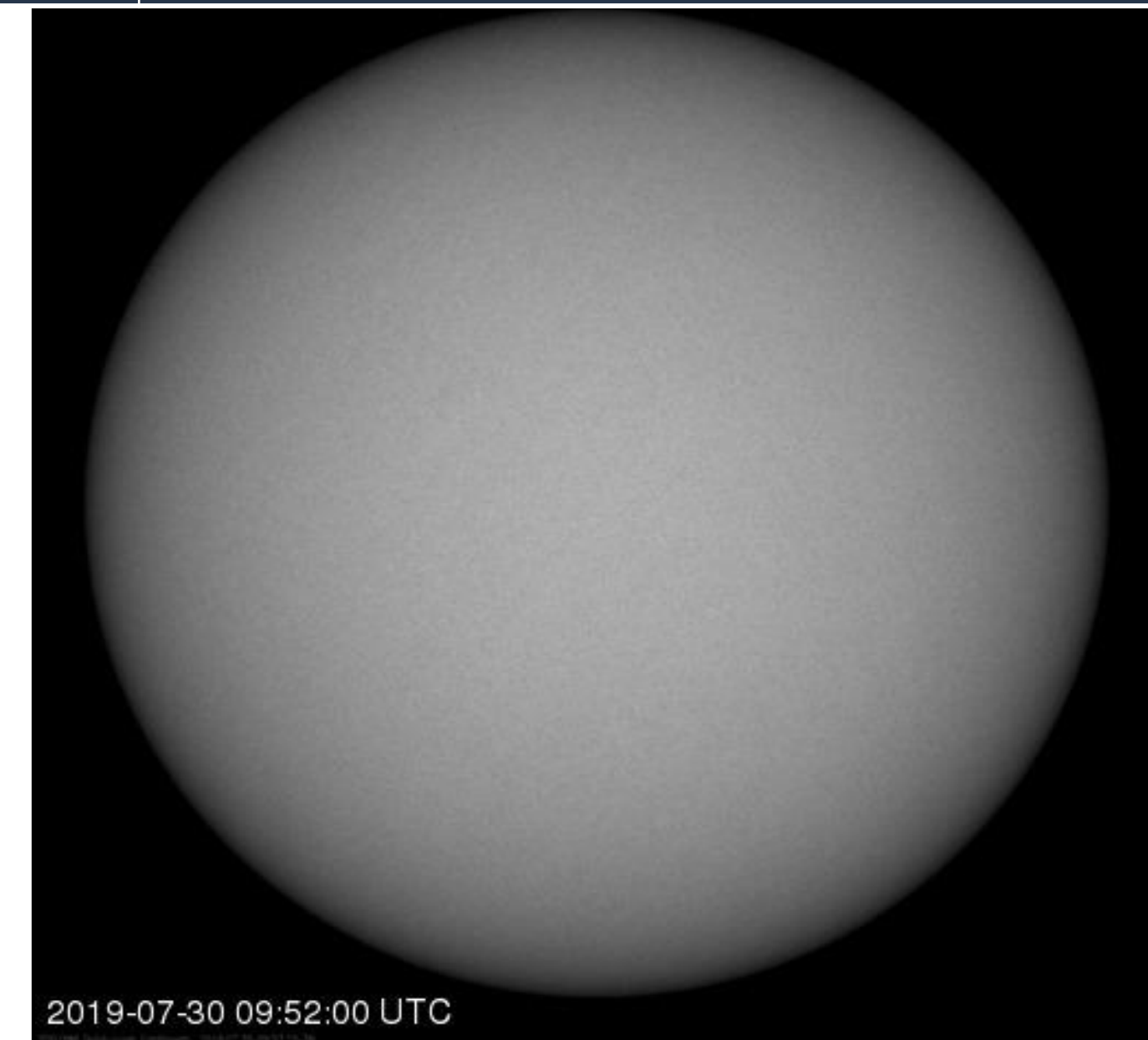
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**